AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A product having a surface provided with a position coding pattern coding positions on the surface so that ~~it~~the product is suitable for electronic recording of ~~hand-writing~~handwriting, said position coding pattern comprising a plurality of marks, each of which represents one of at least two different values, the position coding pattern also comprises a plurality of nominal positions, each of said plurality of marks being associated with one of said plurality of nominal positions and the value of each mark being coded by each mark's location relative to ~~its~~ the nominal position of the mark.

2-22. (Canceled)

23. (Previously Presented) The product as claimed in claim 1, wherein each position is coded by a two-dimensional array of marks.

24. (Previously Presented) The product as claimed in claim 23, wherein at least some of the marks that code a first position also are used for coding a second position.

25. (Previously Presented) The product as claimed in claim 1, wherein all marks are of substantially the same size.

26. (Previously Presented) The product as claimed in claim 1, wherein the marks are circular.

27. (Previously Presented) The product as claimed in claim 1, wherein the marks are monochrome.

28. (Previously Presented) The product as claimed in claim 1, wherein a distance between a mark and a mark's associate nominal position is less than a distance between any two adjacent nominal positions.

29. (Currently Amended) The product as claimed in claim 1, wherein a diameter of the marks is less than a distance between the marks and ~~their~~ respective associate nominal ~~position~~positions of the mark.

30. (Previously Presented) The product as claimed in claim 1, the position-coding pattern further comprising a plurality of first raster lines which are parallel to each other and a plurality of second raster lines which are parallel to each other, said second raster lines intersecting the first raster lines at intersection points, which constitute said nominal positions.

31. (Currently Amended) The product of claim 30, wherein the first and second raster lines are virtual ~~but may be~~and are determined from the marks of the position coding pattern.

32. (Previously Presented) The product as claimed in claim 30, wherein the distance between the raster lines is approximately 250 µm to 300 µm.

33. (Currently Amended) The product as claimed in claim 1, wherein each mark is displaced in one of at least four different directions from ~~its~~ the nominal position of the mark.

34. (Currently Amended) A method of electronically recording handwriting, comprising:

capturing a sequence of images of a position-coding pattern on a surface while handwriting is created on the surface, each image including a subset of the position-coding pattern and each subset including an array of marks coding a position on the surface,

determining a plurality of nominal positions in each of said images,

determining locations of the marks in relation to the nominal positions in each of said images,

determining a position coded by the array of marks in each image based on the locations of at least some of the marks in relation to ~~their~~ respective nominal positions of the marks.

35. (Previously Presented) A method as claimed in claim 34, wherein determining locations of the marks comprises searching for the marks at a predetermined distance from the nominal positions.

36. (Previously Presented) A method as claimed in claim 34, wherein determining a plurality of nominal positions comprises localizing the marks and identifying a raster by using the localized marks.

37. (Currently Amended) The method as claimed in claim 34, wherein determining a position comprises determining a value coded by each mark in the array based on the location of the mark in relation to ~~its~~ the nominal position of the mark and calculating a position from the values coded by the marks in the array.

38. (Currently Amended) The method as claimed in claim 37, wherein determining a value coded by each mark comprises determining in which of a plurality of predetermined directions a mark is displaced from ~~its~~ the nominal position of the mark.

39. (Currently Amended) A device for electronically recording handwriting, comprising:

a sensor for capturing a sequence of images of a position-coding pattern on a surface while the sensor is moved over the surface, each image including a subset of the position-coding pattern including an array of marks, and

a processor, which is configured to determine a plurality of nominal positions in each of said images, to determine locations of the marks in relation to the nominal positions in each of said images, and to determine a position coded by the array of marks in each image based on the locations of at least some of the marks in relation to ~~their~~ respective nominal positions of the marks.

40. (Previously Presented) The device as claimed in claim 39, wherein the processor is configured to search for the marks at a predetermined distance from the nominal positions.

41. (Previously Presented) The device as claimed in claim 39, wherein the processor is configured to localize the marks and identify a raster by using the localized marks.

42. (Previously Presented) The device of claim 39, wherein the raster is a virtual raster identifiable from the marks displaced from the raster.

43. (Currently Amended) The device as claimed in claim 41, wherein the processor is configured to determine a value coded by each mark in the array based on the location of the mark in relation to ~~its~~ the nominal position of the mark and calculate a position from the values coded by the marks in the array.

44. (Currently Amended) The device as claimed in claim 39, wherein the processor is configured to determine in which of a plurality of predetermined directions a mark is displaced from ~~its~~ the nominal position of the mark.

45. (New) The product as claimed in claim 1, wherein the position-coding pattern is so arranged that the position of a partial surface on a total writing surface is determined unambiguously by the marks on this partial surface.

46. (New) The product as claimed in claim 1, wherein the position-coding pattern is based on a cyclic number series which has the property that no subsequence of a first predetermined length appears more than once in the number series.

47. (New) The method as claimed in claim 37, wherein determining a position comprises separating each of the values into a least two digits to form a first and second set of digits and calculating a first and second coordinate based on said first and second set of digits, respectively.

48. (New) The method as claimed in claim 37, wherein calculating a position comprises determining places in which subsequences having a first predetermined length and being formed from said values coded by the marks in the array appear in a cyclic number series which has the property that no subsequence of the first predetermined length appears more than once in the number series.

49. (New) The apparatus as claimed in claim 43, wherein the processor is adapted to separate each of the values of the predetermined number of marks into at least two digits to form a first and second set of digits and to calculate a first and second coordinate based on said first and second set of digits, respectively.

50. (New) The apparatus as claimed in claim 43, wherein the processor is adapted to determine a position by determining places in which subsequences having a first predetermined length and being formed from said values coded by the marks in the array appear in a cyclic number series which has the property that no subsequence of the first predetermined length appears more than once in the number series.